

SECTION 00150 - CONTROL OF WORK

(Follow all instructions. If there are no instructions above a subsection, paragraph, or sentence, then use the subsection, paragraph, or sentence on all projects. All other modifications to this Section will require Department of Justice approval. (See the Specification and Writing Style Manual, Chapter 3.) Remove all instructions before preparing the final document.)

Comply with Section 00150 of the Standard Specifications modified as follows:

00150.05 Cooperative Arrangements - Replace this subsection with the following subsection:

00150.05 Partnering Agreement - The Contractor may enter into a voluntary partnering agreement with the Agency for the Work covered by this Contract. Some elements of this arrangement are described in 00120.95. The Contractor may exercise the election to enter into a partnering agreement by signing and returning the form provided with the Notice of Award. If the Contractor elects to enter into a partnering agreement, this form must be returned no later than the time that the Contractor returns the signed Contract to the Agency. This form does not need to be returned if the Contractor does not wish to enter into a partnering agreement. Entering into a partnering agreement does not constitute nor create a legal partnership, joint venture, other legal Entity, or legal relationship between the Contractor and the Agency.

No partnering agreement shall replace, modify, or suspend the terms of the Contract.

If the partnering agreement alternative is selected:

- Within 5 ~~e~~Calendar ~~d~~Days of receipt of the signed form by the Agency, the Contractor and the Engineer will identify the key personnel who will participate in the orientation workshop. Key personnel should include key Subcontractors and other stakeholders. The Agency will arrange the workshop time and location.
- It is intended that the partnering agreement will result in informal agreements that establish an environment of cooperation between the Contractor and the Agency.
- A working arrangement for the Contractor and the Agency will be developed and, if agreed at the workshop, committed to writing.
- Either the Contractor or the Agency may withdraw from the partnering agreement upon written notice to the other. However, no claim or dispute settled or change approved during the existence of the partnering agreement shall be revived.
- The sole remedy for nonperformance of the partnering agreement shall be the ability to withdraw from the partnering agreement as stated in the paragraph immediately above.

(Use the following subsections .15(b) and .15(c) when "Section 00305 - Construction Surveying Work is included. Check with Designer. Modify as instructed below.)

[Begin subsections .15(b) and .15(c)]

00150.15(b) Agency Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

(Use the following paragraph when slope staking, clearing limit staking, or right-of-way and easement staking will not be required on the project or when the Contractor will be required to perform slope staking, clearing limit staking, and right-of-way and easement staking.)

The Engineer will perform the Agency responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.5 (see Section 00305).

(Use the following two paragraphs when the Agency will perform slope staking, clearing limit staking, and right-of-way and easement staking.

The Engineer will perform the Agency responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.5 (see Section 00305) and the following:

Perform earthwork slope staking including intersections and matchlines and set stakes defining limits for clearing which approximate right-of-way and easements.

00150.15(c) Contractor Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

(Use the following two paragraphs when the Contractor will perform slope staking, clearing limit staking, and right-of-way and easement staking.

The Contractor shall perform the Contractor responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305) and the following:

Perform earthwork slope staking including intersections and matchlines and set stakes defining limits for clearing which approximate right-of-way and easements.

(Use the following paragraph when slope staking, clearing limit staking, or right-of-way and easement staking will not be required on the project or when the Agency will perform slope staking, clearing limit staking, and right-of-way and easement staking.)

The Contractor shall perform the Contractor responsibilities described in the Construction Surveying Manual for Contractors, Chapter 1.6 (see Section 00305).

[End subsections .15(b) and .15(c)]

(Use the following subsection .50(c) when requested by the Region Utility Specialist for large projects with complex utility issues. Be sure to also include subsection 00180.42.)

[Begin subsection .50(c)]

00150.50(c) Contractor Responsibilities - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall:

- Follow applicable rules adopted by the Oregon Utility Notification Center;
- Contact Utility owners during Bid preparation and after the Contract is awarded to verify all Utilities' involvement on the Project Site;
- Hold a Utility scheduling meeting and monthly Utility coordination meetings (see also 00180.42)
- Coordinate Project construction with the Utilities' planned adjustments, take all precautions necessary to prevent disruption of Utility service, and perform its Work in the manner that results in the least inconvenience to the Utility owners;
- Include all Utility adjustment work, whether to be performed by the Contractor or the Utilities, on the Contractor's Project Work schedule submitted under 00180.41;
- Protect from damage or disturbance any Utility that remains within the area in which Work is being performed. Maintain and re-establish location marks according to OAR 952-001-0090(2)(a). Coordinate re-establishment of the location marks with the associated Utility;
- Not disturb an existing Utility if it requires an unanticipated adjustment, but shall protect the Utility from damage or disturbance and promptly notify the Engineer;
- Determine the exact location before excavating within the reasonable accuracy zone according to OAR 952-001-0090(2)(c);
- Backfill any exposed Utilities as recommended and approved by the Utility representative. Obtain Utility locate warning tape from the Utility and replace damaged or removed warning tape. Utility locate warning tape may not be present at all existing Utilities;
- Stake, place warning tape, and maintain no work limits around critical Utility facilities as shown or directed by the Engineer and the Utility;
- In addition to the notification required in OAR 952-001-0090(5), notify the Engineer and the Utility as soon as the Contractor discovers any previously unknown Utility conflicts or issues. Contrary to the OAR, stop excavating until directed by the Engineer and allow the Utility a minimum of two weeks to relocate or resolve the previously unknown Utility issues; and
- Report to the Engineer any Utility owner who fails to cooperate or fails to follow the planned Utility adjustment.

Subject to the Engineer's approval, the Contractor may adjust the Utilities by asking the Utility owners to move, remove, or alter their facilities in ways other than as shown on the Plans or in the Special Provisions. The Contractor shall conduct all negotiations, make all arrangements, and assume all costs that arise from such changes.

[End subsection .50(c)]

(Use the following lead-in paragraph and subsection .50(f) when listing utility information.)

Add the following subsection:

00150.50(f) Utility Information:

(Use the following paragraph when no anticipated utility conflicts exist.)

There are no anticipated conflicts with the Utilities listed below. The Contractor shall contact those Utilities having buried facilities and request that they locate and mark them for their protection prior to construction.

Utility	Contact Person's Name and Phone Number
1.	
2.	
3.	
4.	

(Use the following paragraph when utility adjustments are the responsibility of County or City.)

Arrangements for removing, relocating, or adjusting Utilities on the Project are the responsibility of the County (City). Contact the County (City) for information regarding these arrangements.

(Use the following paragraph on projects with organizations that may be adjusting utilities. Check with the Region Utility Specialist. If no approved Utility Relocation Plan is available, delete the last sentence.)

The following organizations may be adjusting Utilities within the limits of the Project during the period of the Contract with relocation Work estimated to be completed by the following dates (times): The Contractor shall contact the Engineer to view the approved Utility Relocation Plan:

Utility	Estimated Completion Date (Time)
1. (Utility company - "Gas Company") (Contact person's name, address, email, and phone number)	

(Use the following paragraphs when high pressure gas lines exist On-Site. Use the language and select from the paragraphs as directed by the Region Utility Specialist. Fill in the blanks as needed.)

(Use this paragraph for overall notice to the utility when the Contractor is about to move On-Site.)

The Contractor shall notify, in writing, (insert the specific name of the Utility Gas Company) at least Calendar Days (week(s)) before beginning Work on the Project.

(Use this paragraph for notice to the utility regarding specific types of work that are about to start. It may be necessary to include both notices.)

The Contractor shall notify, in writing, at least ___ Calendar Days (___ weeks) before beginning ___ *(excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities)* within 10 feet of the (___ inch diameter) (high pressure) gas pipeline. The Contractor shall allow ___ *(insert the specific name of the Utility Gas Company)* ___ Calendar Days (___ week(s)) to complete relocation (adjustment) work.

___ *(Insert the specific name of the Utility Gas Company)* operates a (___ inch diameter) (high pressure) gas pipeline within the Project limits. ___ *(Detail location by station and offset, describe if parallel or perpendicular to the highway)* and may require an On-Site safety watcher, at no cost to the Contractor.

When operating equipment directly above the high pressure gas pipeline, the Contractor shall keep equipment on the paved surfaces only.

In the immediate area of the high pressure gas lines, when moving any equipment, excavating, driving piles, pounding guardrail posts, boring, or other road construction activities, the Contractor shall increase the Reasonable Accuracy Zone from 24 inches, as defined in OAR 952-001-010, to 10 feet. Exceptions require written approval from the ___ *(insert the specific name of the Utility Gas Company)* and may require an On-Site safety watcher, at no cost to the Contractor. The Contractor shall provide the Engineer a copy of the written approval of the exception before beginning work.

In the event of an emergency, the Contractor shall call (Avista Corporation 1-800-227-9187 OR Cascade Natural Gas Corporation 1-888-522-1130 OR Northwest Natural Gas 1-800-882-3377 OR Ruby Pipeline (LNG) 1-877-712-2288 OR Tesoro Logistics 1-800-725-1514 OR TransCanada GTN 1-800-447-8066 OR Williams Pipeline 1-801-584-6948) in addition to calls required by the Utilities notification system.

(Use the following paragraph when you have a Natural Gas facility.)

___ *(Insert the specific name of the Utility Gas Company)* has ___ *(description of the facility such as valve box or meter)* that may be within 15 feet of the ___ *(excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities)*. There are no anticipated conflicts with this facility. However, due to the close proximity of the ___ *(excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities)*, ___ *(insert the specific name of the Utility Gas Company)* will monitor, inspect, and protect.

2. (Repeat as needed. - "Gas Company")
(Utility company - "Gas Company")
(Contact person's name, address, email, and phone number)

(Reuse the paragraphs above as appropriate if more than one Gas Company operates within the project limits.)

3. (Utility company - "Power Company")
(Contact person's name, address, email, and phone number)

(Use the following paragraphs when low, medium, or high voltage lines exist On-Site. Use the language and select from the paragraphs as directed by the Region Utility Specialist. Fill in the blanks as needed.)

(Use the following paragraph when power lines overhang Work areas.)

Energized power lines overhang portions of the Work with a minimum vertical clearance of 18 (___) feet. The Contractor shall maintain at least 10 feet of safety clearance. Exceptions require written approval from the (insert the specific name of the Utility Power Company) and may require an On-Site safety watcher, at no cost to the Contractor. The Contractor shall provide the Engineer a copy of the written approval of exception before beginning work.

(Use the following paragraph when power lines are beneath Work areas. For example: Bridge deck rehab.)

Energized power lines are located within the Project limits. The Contractor shall maintain at least 10 feet of safety clearance. Exceptions require written approval from Power Company and will require an On-Site safety watcher at no cost to the Contractor. The Contractor shall provide Engineer with a copy of the written approval of exception before beginning work.

(Use this paragraph for overall notice to the utility when the Contractor is about to move On-Site.)

The Contractor shall notify, in writing, (insert the specific name of the Utility Power Company) at least ___ Calendar Days (___ week(s)) before beginning Work on the Project.

(Use this paragraph for notice to the utility regarding specific types of work that are about to start. It may be necessary to include both notices.)

(Insert the specific name of the Utility Power Company) operates a power facility within the Project limits at (Detail location by station and offset, describe if parallel or perpendicular to the highway) . The Contractor shall notify, in writing, at least ___ Calendar Days (___ week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) . The Contractor shall allow (Insert the specific name of the Utility Power Company) ___ Calendar Days (___ week(s)) to complete relocation (readjustment) work.

The Contractor shall coordinate with (Insert the specific name of the Utility Power Company) to perform (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within ___ feet of the aerial power line during (Insert specific times when the Power Company cannot de-energize their system due to high loads) when (Insert the specific name of the Utility Power Company) cannot de-energize the power facility.

4. (Repeat as needed. - "Power Company")
(Utility company - "Power Company")
(Contact person's name, address, email, and phone number)

(Reuse the paragraphs above as appropriate if more than one Power Company operates within the project limits.)

(Use the following paragraph when ODOT has Illumination or Signal facilities within the project limits.)

5. (ODOT)

(Electrical Contact person's name, address, email, and phone number)

(Use this paragraph for overall notice to ODOT Maintenance when the Contractor is about to move On-Site.)

The Contractor shall notify in writing, the ODOT Electrical Supervisor, ____ *(Insert the specific name of the Electrical Supervisor and their email or address)* at least ____ Calendar Days (____ week(s)) before beginning Work on the Project to coordinate all ODOT owned electrical facilities relocations.

(Use this paragraph for notice to ODOT Maintenance regarding guardrail post installation by hand. It may be necessary to include both notices. Be sure to also include SP810.)

The Contractor shall notify, in writing, the ODOT Electrical Supervisor, ____ *(Insert the specific name of the Electrical Supervisor and their email or address)* at least ____ Calendar Days (____ week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

6. (Utility company - "Fiber Company")

(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Fiber Optic facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

The Contractor shall notify, in writing, ____ *(Insert the specific name of the Utility Fiber Company)* at least ____ Calendar Days (____ week(s)) before beginning ____ *(excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities)* within 10 feet of ____ *(Insert the specific item or items of the Utility Fiber Company such as conduit with diameter)*. The Contractor shall allow ____ *(Insert the specific name of the Utility Fiber Company)* ____ Calendar Days (____ week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices. Be sure to also include SP810.)

The Contractor shall notify, in writing, ____ *(Insert the specific name of the Utility Fiber Company)* at least ____ Calendar Days (____ week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

The Contractor shall coordinate Fiber Optic relocation work with ____ *(Insert the specific name of the Utility Fiber Company)* due to potential restricted work dates.

The Contractor shall obtain written approval from ____ *(Insert the specific name of the Utility Fiber Company)* for excavating ((or) blasting) within 10 feet of a buried fiber optic

communications cable. (Insert the specific name of the Utility Fiber Company) may (will) require an On-Site safety watcher (representative) at no cost to the Contractor for monitoring purposes. The Contractor shall provide the Engineer a copy of the written approval before beginning work.

7. (Utility company - "Irrigation Facility")

(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have an Irrigation facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

The Contractor shall notify, in writing, (Insert the specific name of the Utility Irrigation District) prior to and any time work is being performed within (Insert the specific name of the Utility Irrigation District) easement.

8. (Utility company - "Sewer Company")

(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Sewer facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

The Contractor shall notify, in writing, (Insert the specific name of the Utility Sewer District) at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of (Insert the specific item or items of the Utility Sewer District such as sewer line with diameter) . The Contractor shall allow (Insert the specific name of the Utility Sewer District) Calendar Days (week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices. Be sure to also include SP810.)

The Contractor shall notify, in writing, (Insert the specific name of the Utility Sewer District) at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

In addition to calls required by the Utilities notification system, the Contractor shall notify, in writing, (Insert the specific name of the Utility Sewer District) of paved over manholes ((or) valve boxes) discovered within the Project limits. The Contractor shall allow Calendar Days (week(s)) for (Insert the specific name of the Utility Sewer District) to complete necessary adjustments. The Contractor shall maintain access to the discovered manholes ((or) valve boxes) until the adjustments are made.

9. (Utility company - "Telecommunication Company")

(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Telecommunication facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

The Contractor shall notify, in writing, (Insert the specific name of the Telecommunication Company) at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of (Insert the specific item or items of the Telecommunication Company such as communication line with diameter) . The Contractor shall allow (Insert the specific name of the Telecommunication Company) Calendar Days (week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices. Be sure to also include SP810.)

The Contractor shall notify, in writing, (Insert the specific name of the Telecommunication Company) at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

In addition to calls required by the Utilities notification system, the Contractor shall notify, in writing, (Insert the specific name of the Telecommunication Company) of paved over manholes ((or) valve boxes) discovered within the Project limits. The Contractor shall allow Calendar Days (week(s)) for (Insert the specific name of the Telecommunication Company) to complete necessary adjustments. The Contractor shall maintain access to the discovered manholes ((or) valve boxes) until the adjustments are made.

10.(Utility company - "Water Company")
(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have a Water facility.)

(Use this paragraph for notice to the utility regarding specific types of work that are about to start.)

The Contractor shall notify, in writing, (Insert the specific name of the Water Company) , at least Calendar Days (week(s)) before beginning (excavation, pile driving, guardrail post installation, signal or illumination pole installation, boring, or other road construction activities) within 10 feet of (Insert the specific item or items of the Water Company such as a waterline with diameter) . The Contractor shall allow (Insert the specific name of the Water Company) Calendar Days (week(s)) to complete relocation (readjustment) work.

(Use this paragraph for notice to the utility regarding guardrail post installation by hand. It may be necessary to include both notices. Be sure to also include SP810.)

The Contractor shall notify, in writing, (Insert the specific name of the Water Company) , at least Calendar Days (week(s)) before beginning guardrail post installation. See 00810.90 for payment of the extra costs for hand dug holes.

In addition to calls required by the Utilities notification system, the Contractor shall notify, in writing, (Insert the specific name of the Water Company) of paved over manholes ((or) valve boxes) discovered within the Project limits. The Contractor shall allow Calendar Days (week(s)) for (Insert the specific name of the Water Company) to complete necessary adjustments. The Contractor shall maintain access to the discovered manholes ((or) valve boxes) until the adjustments are made.

11.(Utility company - "Joint Use facility")
(Contact person's name, address, email, and phone number)

(Use the following paragraph when you have Joint use facilities.)

 (Insert the specific name of the Utility Joint use facility) will relocate to the new pole alignment for (Insert the specific name of the Utility Pole Owner) by transferring their existing facility within Calendar Days (week(s)) of (Insert the specific name of the Utility Pole Owner) completing their relocation work. (Insert the specific name of the Utility Pole Owner) will remove the existing pole(s) within Calendar Days (week(s)) when all existing facilities have vacated from the involved pole-line.

(Use the following paragraphs when you have a Bonneville Power conflict.)

[Begin Bonneville Power paragraphs]

12.(Bonneville Power Administration (BPA))
(Contact person's name, address, email, and phone number)

The Contractor shall notify, in writing, BPA at least Calendar Days (week(s)) before beginning Work on the Project.

Energized transmission power lines may overhang portions of the Work with a minimum vertical clearance of () feet. The Contractor shall maintain at least 20 feet vertically between construction equipment or vehicles and the transmission power lines.

The Contractor shall maintain at least 50 feet horizontally between construction equipment or vehicles and the point where steel lattice tower legs, wood poles, steel poles, concrete poles, concrete foundation and guy wires enter the earth.

The Contractor shall keep access to all BPA structures open and unobstructed at all times.

The Contractor shall not store flammable materials or refuel construction equipment or vehicles on BPA Right-of-Way.

In the event of an emergency, the Contractor shall call BPA Monroe Control Center (MCC) dispatch office at 1-509-465-1837, in addition to calls required by the Utilities notification system.

[End Bonneville Power paragraphs]

This Project is located within the Oregon Utility Notification Center area which is a Utilities notification system for notifying owners of Utilities about Work being performed

in the vicinity of their facilities. The Utilities notification system telephone number is 811 (or use the old number which is 1-800-332-2344).

(Use the following subsection .55 when there is an existing specific ODOT or Local Agency contract that will be performed within the project site and the Contractor is required to cooperate with the other ODOT or Local Agency contractor. List the contract name, the contractor's name, and On-Site contact number, and the estimated time the other specific contract work will be taking place within the project limits. Delete the example.)

00150.55 Cooperation with Other Contractors - Add the following to the end of this subsection:

The following contract work will be ongoing within the Project site during the following times:

Contract Name (Contractor's Name)	Estimated Times (From - To)
<i>For Example - Your project's bid opening is July 4, 2005 so: OR99E Howell Prairie Rd-Waconda Rd. Dewey Cheatum Inc. 541-679-5555 (On-Site)</i>	<i>Aug 2005 to Oct 31, 2005</i>

(Use the following subsection .60(a) when bridge weight limits are required by 00220.45.)

00150.60(a) Load and Speed Restrictions for Construction Vehicles and Equipment - Add the following bullet to the end of the bullet list:

- The Contractor shall restrict the combined weights of construction vehicles, Equipment, and Materials on Bridges according to 00220.45.

00150.70 Detrimental Operations - Replace the paragraph that begins "The Contractor shall avoid..." with the following paragraph:

The Contractor shall avoid operations whose methods, conditions, or timing may injure people or damage property or the Work. Damage may include without limitation, staining surfaces with mud or asphalt or damaging Utilities and foundations. (also see 00150.60, 00150.75, and Section 00170)

00150.80 Removal of Unacceptable and Unauthorized Work - Replace the paragraphs that begin "The Agency will not pay..." and "If, when ordered by..." with the following two paragraphs:

The Agency will not pay the Contractor for unacceptable Work, except as provided in 00150.25, or for unauthorized work. The Engineer may issue a written order for the correction or removal of such work at the Contractor's sole expense.

If, when ordered by the Engineer, the Contractor fails to correct or remove unacceptable Work or remove unauthorized work, the Engineer may have the correction, removal, or removal and replacement, done by others and deduct the entire cost from monies due or to become due the Contractor under the Contract.

(Use the following subsection .91 on projects when a mandatory post-construction meeting is required.)

00150.91 Post-Construction Review - Replace this subsection, except for the subsection number and title, with the following:

The Contractor shall attend a Post-Construction Review meeting to be held by the Agency prior to issuance of Third Notification but not earlier than 15 Days following the date of Second Notification. The time and place of this meeting will be announced by the Engineer at least 15 Days prior to the meeting date. The purpose of this meeting is to examine the Project for possible process improvements that may benefit future projects. The Contractor's attendance at the Post-Construction Review meeting is mandatory.